

Title (en)
MUFFLER INTEGRATED TYPE GASOLINE ENGINE PARTICULATE FILTER

Title (de)
IM SCHALLDÄMPFER INTEGRIERTER OTTOPARTIKELFILTER

Title (fr)
FILTRE À PARTICULES D'ESSENCE À SILENCIEUX INTÉGRÉ

Publication
EP 3165734 B1 20180822 (EN)

Application
EP 16173084 A 20160606

Priority
KR 20150154167 A 20151104

Abstract (en)
[origin: EP3165734A1] A muffler integrated type gasoline particulate filter includes a filter having first and second surfaces and first channels and second channels alternately arranged, each of the first channels being closed at the second surface and each of the second channels being closed at the first surface, the filter collecting exhaust gas particulates when exhaust gas passes through a wall surface disposed between the first and second channels. The muffler integrated type gasoline particulate filter further includes protruding walls formed on an inner wall surface of each of the first and second channels in a longitudinal direction thereof. The protruding walls reduce noise of the exhaust gas flowing along each of the first and second channels.

IPC 8 full level
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CPC (source: CN EP US)
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